

-15-

CLAIMS

1. An image display device comprising:
 - a first storage device for storing an image data;
 - 5 an image processing device for reducing the number of bits of the image data;
 - a second storage device for storing the image data after being processed;
 - 10 a display device for displaying the image data after being processed;
 - a display drive device for driving the display device; and
 - 15 a control device for controlling the operation of the display drive device,
- 15 wherein the control device determines whether the image data stored in the first storage device is dynamic or static, and, in the case of a static image, after storing the signals corresponding to one frame of the image data 20 in the second storage device, operates only the second storage device, the display drive device and the image display device.
2. The image display device according to claim 1,
25 wherein the second storage device has a smaller memory

-16-

capacity than the first storage device.

3. The image display device according to claim 2,
wherein the second storage device and the display drive
5 device are united into one body by disposing them on the
same chip.

4. The image display device according to claim 1,
wherein the image processing device processes the image
10 data by a dither method or an error diffusion method.

5. The image display device according to claim 4,
wherein the image processing device reduces the total
number of bits of the three elements (RGB) contained in
15 the image data in such a manner that, after conducting the
image processing, the number of G bits becomes the largest
and the number of B bits becomes the smallest.

6. The image display device according to claim 1,
20 wherein the image processing device is provided with:

a dynamic image processing device for reducing
the number of bits of a dynamic image data;

a static image processing device for reducing
the number of bits of a static image data; and

25 a switching device for switching between the

-17-

dynamic image processing device and the static image processing device,

wherein the control device determines whether the image
5 data stored in the first storage device is that of a dynamic image or a static image, and by operating the switching device according to that determination, if the image data is that of a dynamic image, the dynamic image processing device is made to process the image data, and
10 if the image data is that of a static image, the static image processing device is made to process the image data.

7. The image display device according to claim 6,
wherein the dynamic image processing device processes the
15 image by an FRC method, and the static image processing device processes the image by a dither method or an error diffusion method.

8. The image display device according to claim 1,
20 wherein the image display device is a liquid crystal panel.